

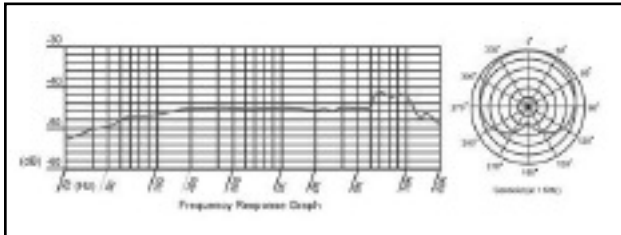
Congratulations on your purchase of Speco Technologies' MCHH-300 Professional Condenser Microphone!

Speco Technologies has leveraged over 40 years of audio industry experience to bring you the highest level of quality performing microphones in the industry. The MCHH-300 is a high quality condenser microphone with smooth, flat frequency responses and a cardioid pickup pattern. It provides an accurate, uncolored reproduction of the sound source. This model is designed for a variety of sound reinforcement and recording applications and is the perfect choice for vocal recordings, on stage choir pickups, and acoustical instruments including strings, brass, woodwinds and percussion. The cardioid polar pattern focuses on the desired sound source while rejecting unwanted ambient noise and feedback to ensure a clear separation among individual instruments.

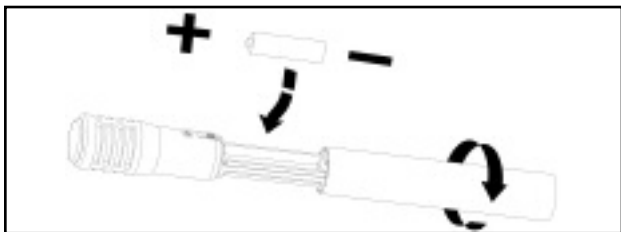
Specifications:

Element:	Back Electret Condenser
Polar Pattern:	Uni-directional
Frequency Response:	50Hz-18kHz
Sensitivity:	-45dB $\pm$ 3dB (0dB=1V/Pa at 1kHz)
Output Impedance:	600 ohms $\pm$ 30%(at 1kHz)
Max Input SPL:	130dB(1kHz at 1% T.H.D)
S/N Ratio:	$\pm$ 70dB
Phantom Power Requirement:	9V-52V DC and 1.5V Battery

Frequency Response Graph:



Installing The Battery:

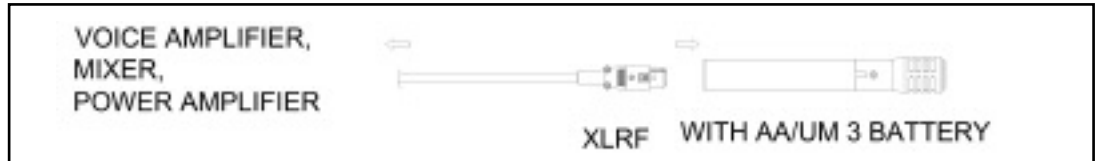


1. Always use a fresh battery of recommended size and type.
2. Ensure correct polarity when inserting the battery.
3. The battery should be removed prior to long-term microphone storage.
4. Keep batteries out of reach of children.
5. Dispose used batteries promptly and properly.



Typical Connection:

1. Battery power:



2. Phantom power



Cautions:

1. When microphone is not in use, please switch to the "OFF" position to save battery power.
2. Due to the high sensitivity of the cartridge, do not drop the microphone and protect against sudden jolts.
3. To maintain the sensitivity and quality of sound reproduction, avoid exposing it to moisture and extreme temperatures.